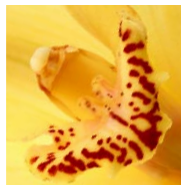




KONICA MINOLTA

MEET YOUR NEW OFFICE ASSISTANT

Consolidate your office essentials with the magicolor 1690MF. This desktop all-in-one provides print, copy, scan and fax functionality in one small package. This multitasking color laser is the smallest ever offered from Konica Minolta. At only 17" tall it won't compete for desktop space. Despite its compact size, the magicolor 1690MF quickly delivers 20 ppm color and 5 ppm b&w. It's packed with user-friendly design features including a large, easy to read display, and a front access panel for quick toner replacement. An automatic document feeder makes copying, scanning or faxing multi-page documents a breeze. It also comes equipped with Simitri® HD Polymerized toner which ensures smoother, more natural images and sharper text while saving 15% more energy. Space-saving design, quality results and user-friendly features make the magicolor 1690MF last office assistant you'll ever need.



DO BUSINESS BETTER

20 PPM 5 PPM

CONNECT_

COMMUNICATE_

CONTROL_

magicolor 1690MF

- ▶ SMALL FOOTPRINT FITS INTO ANY SIZE OFFICE
- ▶ QUICK PRINT SPEEDS OF 20 PPM B&W AND 5 PPM COLOR
- ▶ ACOUSTIC OPERATING NOISE LEVEL LESS THAN 52 DB(A)
- ▶ BOLD, CONSISTENT COLOR WITH SIMITRI HD POLYMERIZED TONER
- ▶ 700-SHEET MAX. PAPER CAPACITY WITH 500-SHEET OPTIONAL TRAY
- ▶ AUTOMATIC DOCUMENT FEEDER FOR MULTI-PAGE COPIES, SCANS & FAXES
- ▶ 33.6 KBPS SUPER G3 FAX CAPABILITY
- ▶ VIVID 1200 X 600 DPI PRINT QUALITY
- ▶ CONVENIENT FRONT PANEL FOR INCREASED ACCESSIBILITY
- ▶ 35,000 PRINT-PER-MONTH DUTY CYCLE

magicolor 1690MF

_FULL COLOR
_PRINTER
_COPIER
_SCANNER
_FAX



The essentials of imaging



magicolor 1690MF

GENERAL SPECIFICATIONS

PRINT

PRINT METHOD:

Electrophotographic Laser, 4-Cycle Print System

PRINT SPEED*:

Monochrome: 20 ppm

Color: 5 ppm

*Exact print speed differs depending on system configuration, software application, driver and document complexity.

WARM-UP TIME:

35 seconds

FIRST-PAGE OUTPUT TIME:

Monochrome: 11 seconds

Color: 20 seconds

RESOLUTION:

1200 x 600 dpi

MONTHLY DUTY CYCLE:

Maximum: 35,000 prints

COPY

COPY SPEED*:

Monochrome: 21 cpm

Color: 3.5 cpm

*Exact print speed differs depending on system configuration, software application, driver and document complexity.

FIRST-PAGE OUTPUT TIME:

Monochrome: 23 seconds

Color: 52 seconds

RESOLUTION:

600 x 600 dpi

600 x 300 dpi

COPY SETTINGS:

Density (7 Steps)

Reduce/Enlarge (25 - 400%)

Number of copies (1-99)

Quality (Text/Photo/Mix, Normal/Fine)

ID card copy, Poster copy, Repeat copy

SCAN

SCANNER TYPE:

Flatbed

SCAN SPEED:

Monochrome: 10 ipm

Color: 3.3 ipm

RESOLUTION:

600 x 600 dpi

COLOR DEPTH:

8-bit RGB

SCAN SIZE:

Platen Glass: A4, Letter

SCAN DESTINATION:

USB

SCAN DRIVERS:

TWAIN and WIA (Windows only)

TWAIN (Macintosh only)

SCAN-TO-FILE-FORMATS:

PDF, TIFF, JPEG

SCAN UTILITIES:

LinkMagic (Windows only)

AUTOMATIC DOCUMENT FEEDER:

35 sheets, up to 8.5" x 14" (216 x 356 mm)

PC FAX

PC Fax Driver Included

FAX

FAX SPEED:

33.6 Kbps Super G3

FAX RESOLUTION:

Standard (203 x 98 dpi)

Fine (203 x 196 dpi)

Super Fine (203 x 392 dpi)

FAX MEMORY:

6 MB

COMPRESSION:

MH/MR/MMR/JBIG

AUTO REDUCTION:

Yes

DIALING:

Speed Dials: 220

Group Dial: 20 groups; 50 stations/group

Broadcast: 255 stations

HOST SYSTEM REQUIREMENTS

PROCESSOR:

ASIC (IALE3)

MEMORY:

128 MB

OPERATING SYSTEM COMPATIBILITY:

Windows Vista

Windows Vista x64

Windows XP

Windows XP x64

Windows Server 2003

Windows Server 2003 x64

Windows 2000

Macintosh OS X 10.2+

PRINTER EMULATIONS:

Host-based, GDI

PRINTER MANAGEMENT:

PageScope Net Car Device Manager

PageScope Web Connection

PageScope Network Setup

Local Setup Utility

Remote Setup Utility

COLOR SUPPORT:

Quick-click Color Matching

HOST SYSTEM REQUIREMENTS

400 MHz Pentium II with 128 MB Ram

256 MB free disk space

CD-ROM/DVD drive

INTERFACE SUPPORT

USB 2.0

Ethernet (10/100BaseTX)

USB 1.1 Host Port

NETWORK PROTOCOLS

TCP/IP, ARP, Ping, DHCP, AutoIP, BOOTP, FTP

HTTP, HTTPS, IPP1.1, LPD, SLPv2, SMTP,

SNMP, DNS, Bonjour, IPv4, POP3, LDAPv3

PAPER HANDLING

STANDARD PAPER INPUT:

200-sheet tray

OPTIONAL PAPER INPUT:

500-sheet tray

STANDARD PAPER OUTPUT:

100-sheet face-down output bin

OPTIONAL PRINT DUPLEXING:

For two-sided printing

PAPER SIZES SUPPORTED*:

200-sheet tray:

Letter

Legal

Executive

Folio

Govt. Letter

Govt. Legal

Letter Plus

Statement

A4, A5, A6

B5, B6

Custom sizes (plain paper):

(W) 3.6"-7.24" to (L) 8.5"-14"

(W) 91-184 mm to (L) 216-356 mm

Envelopes: Monarch, Com 10, C6, DL

500-sheet lower feeder unit (optional):

Letter or A4

Duplexer:

Letter

A4

*See Konica Minolta Media Guide for more information

PRINTABLE AREA:

0.16" (4.2 mm) from all edges

0.63" (16 mm) from bottom margin of legal

pages when printing color

PAPER WEIGHTS:

Plain paper: 16-24 lb. Bond (60-90 g/m²)

Thick Stock: Up to 110 lb. Index (91-209 g/m²)

PRINT MEDIA:

Plain Paper

Letterhead

Recycled Paper

Thick Stock

Laser Quality Labels

Envelopes

Postcards

PHYSICAL

TYPE:

Laser printer, 4-cycle

DIMENSIONS (WXDXH):

15.9" x 16.8" x 17"

(405 x 427 x 432 mm)

WEIGHT:

41.5 lb. (18.8 kg) - w/o consumables

46 lb. (20.8 kg) - w/ consumables

53.5 lb. (24.4 kg) - as shipped

ELECTRICAL

POWER REQUIREMENTS:

120 VAC, 50/60 Hz

220/240 VAC, 50/60 Hz

POWER CONSUMPTION:

Operating:

1060 Watts max.

560 W or less B&W

410 W or less color

Standby: 170 W or less

Sleep Mode: 14 Watts or less

ENVIRONMENTAL

TEMPERATURE REQUIREMENTS:

Operating: 50° to 95° F (10° to 35° C)

Non-Operating: 0° to 95° F (0° to 35° C)

HUMIDITY:

Operating: 15% to 85% RH

Non-Operating: 30% to 85% RH

NOISE LEVELS:

Operating: ≤52 dB(A)

Standby: ≤32 dB(A)

REGULATORY/SAFETY CONFORMITY:

UL, cUL, CSA, FCC-B, CDRH, Energy Star

CONSUMABLES*:

In-Box Toner-

Cyan, Magenta, Yellow (yield up to 500 pages @ 5% coverage)
Black (yields up to 1,000 pages @5% coverage)

Replacement Toner-

Cyan, Magenta, Yellow (yield up to 1,500 or 2,500 pages @ 5% coverage)
Black (yields up to 2,500 pages @5% coverage)

Drum Cartridge-

Includes OPC Drum and Waste Toner Box (yields up to 45,000 B&W/11,250 color pages - continuous printing)

Fuser Unit-

(yields up to 50,000 pages - continuous printing)

*The stated life expectancy of each consumable is based on printing under specific operating conditions such as page coverage for a particular page size (5% coverage of letter/A4). The actual consumable's life will vary depending on the use and other printing variables including page coverage, page size, media type, continuous or intermittent printing, and ambient temperature and humidity.

TYPEFACES:

Compatible with all Windows and/or TrueType® fonts printed via Windows GDI

WARRANTY:

1-year

LOOK FOR

THE ENERGY STAR
AS AN OFFICIAL ENERGY
STAR PRODUCT, THE
MAGICOLOR 1690MF
USES ENERGY MORE
EFFICIENTLY, SAVES YOU
MONEY ON UTILITY BILLS
AND HELPS PROTECT THE
ENVIRONMENT.



EASE OF USE.

THE MAGICOLOR 1690MF
FEATURES A LARGE, EASY TO
READ DISPLAY WITH FRONT
ACCESS FOR THE STRAIGHT-
FORWARD EXCHANGE OF
CONSUMABLES. THE ADF
MAKES COPYING OR FAXING
MULTI-PAGE DOCUMENTS
FAST AND SMOOTH.

magicolor

Simitri HD
High Definition Polymerized Toner



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